Amendment Under 37 C.F.R. §1.111
Application No. 10/663,711
Attorney Docket No. 031014

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Amend the paragraph beginning on page 2, line 5 as follows:

Fig. 1 illustrates an example configuration for a conventional numeric value search apparatus, which searches for the median directly. In Fig. 1, the memory 10 is a storage unit in which nine pieces of numeric value data d1 through d9 are stored in sequence starting at the first position. Of course, the memory 10 could store a desired number of pieces of numeric value data greater than d1 through d9, but the number is set as nine in order to simplify the explanation. A comparison means 11 reads the numeric value data d1 through d9 from the memory 10 and outputs the median.

Amend the paragraph beginning on page 3, line 1 as follows:

Next, if the numeric value data d2 is not the median, comparisons are performed in the same manner thereafter on the remaining numeric value data d3 through d9, to determine whether they are the median. Next, the found medians are displayed on a screen (not shown) or output to an external apparatus (not shown).

Amend the paragraph beginning on page 20, line 20 as follows:

In this manner, the counting means 71 increments the count values of the count value holding means C0 through C15 of the data count region 72 corresponding to the numeric value

data. Fig. [[11]] 12 illustrates an example in which a cumulative count distribution is created

using all of the numeric value data. In Fig. [[11]] 12, there are 1001 pieces of numeric value data.

The count value holding means C0 through C15 (levels) are on the horizontal axis, and the count

values (cumulative counts) Cd0 through Cd15 of the individual count value holding means C0

through C15 are on the vertical axis.